When "seasonal" adjustments are made, comparisons between months become more informative, and cyclical patterns, as well as basic economic trends can be observed. However, remember that seasonal adjustment produces only an approximation based on past history, and seasonal trends change gradually. So, seasonally adjusted data are also subject to revision.

For True Statistical Aficionados. . .

This article has provided only a brief sketch of the basic methods used in developing labor force statistics. For those interested in an in-depth explanation, the BLS monthly publication, Employment & Earnings, provides further elucidation on the subject. And, for true statistical aficionados, BLS can provide a list of available technical papers and publications.

Lecia Parks Langston, Supervising Economist

Kenneth E. Jensen, Labor Market Economist.

UNITED STATES CONSUMER PRICE INDEX (CPI) — ALL ITEMS
1982-84 = 100

To figure the percentage increase between any two months: Subtract the index for the earlier month from the later month; divide that number by the index for the earlier month; and then multiply the result by 100 by moving the decimal two places to the right.

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average	% Change from Prior Year
1978-U	62.5	62.9	63.4	63.9	64.5	65.2	65.7	66.0	66.5	67.1	67.4	67.7	65.2	7.6
-W	62.8	63.2	63.7	64.3	64.9	65.6	66.0	66.4	66.8	67.4	67.7	68.1	65.6	7.7
1979-U	68.3	69.1	69.8	70.6	71.5	72.3	73.1	73.8	74.6	75.2	75.9	76.7	72.6	11.3
-W	68.7	69.5	70.3	71.1	71.9	72.8	73.7	74.4	75.1	75.1	76.4	77.2	73.1	11.4
1980-U	77.8	78.9	80.1	81.0	81.8	82.7	82.7	83.3	84.0	84.8	85.5	86.3	82.4	13.5
-W	78.3	79.4	80.5	81.4	82.3	83.2	83.3	83.8	84.6	85.3	86.1	86.9	82.9	13.4
1981-U	87.0	87.9	88.5	89.1	89.8	90.6	91.6	92.3	93.2	93.4	93.7	94.0	90.9	10.3
-W	87.5	88.5	89.0	89.6	90.3	91.1	92.2	92.8	93.7	93.9	94.1	94.4	91.4	10.3
1982-U	94.3	94.6	94.5	94.9	95.8	97.0	97.5	97.7	97.9	98.2	98.0	97.6	96.5	6.2
-W	94.7	95.0	94.8	95.2	96.2	97.4	98.0	98.2	98.3	98.6	98.4	98.0	96.9	6.0
1983-U	97.8	97.9	97.9	98.6	99.2	99.5	99.9	100.2	100.7	101.0	101.2	101.3	99.6	3.2
-W	98.1	98.1	98.4	99.0	99.5	99.8	100.1	100.5	101.0	101.2	101.2	101.2	99.8	3.0
1984-U	101.9	102.4	102.6	103.1	103.4	103.7	104.1	104.5	105.0	105.3	105.3	105.3	103.9	4.3
-W	101.6	101.8	101.8	102.1	102.5	102.8	103.2	104.2	104.8	104.8	104.7	104.8	103.3	3.5
1985-U	105.5	106.0	106.4	106.9	107.3	107.6	107.8	108.0	108.3	108.7	109.0	109.3	107.6	3.6
-W	104.9	105.4	105.9	106.3	106.7	107.0	107.1	107.3	107.6	107.9	108.3	108.6	106.9	3.5
1986-U	109.6	109.3	108.8	108.6	108.9	109.5	109.5	109.7	110.2	110.3	110.4	110.5	109.6	1.9
-W	108.9	108.5	107.9	107.6	107.9	108.4	108.4	108.6	109.1	109.1	109.2	109.3	108.6	1.6
1987-U	111.2	111.6	112.1	112.7	113.1	113.5	113.8	114.4	115.0	115.3	115.4	115.4	113.6	3.6
-W	110.0	110.5	111.0	111.6	111.9	112.4	112.7	113.3	113.8	114.1	114.3	114.2	112.5	3.6
1988-U	115.7	116.0	116.5	117.1	117.5	118.0	118.5	119.0	119.8	120.2	120.3	120.5	118.3	4.1
-W	114.5	114.7	115.1	115.7	116.2	116.7	117.2	117.7	118.5	118.9	119.0	119.2	117.0	4.0
1989-U	121.1	121.6	122.3	123.1	123.8	124.1	124.4	124.6	125.0	125.6	125.9	126.1	124.0	4.8
-W	119.7	120.2	120.8	121.8	122.5	122.8	123.2	123.2	123.6	124.2	124.4	124.6	122.6	4.8
1990-U	127.4	128.0	128.7											
-W	125.9	126.4	127.1											

-U = CPI for all urban consumers.
-W = CPI for urban wage earners and clerical workers.
Source: Prepared by the Utah Department of Employment Security from tabulations published by Bureau of Labor Statistics, United States Department of Labor.

ACCRA* COMPOSITE COST-OF-LIVING COMPARISONS FOR SELECTED URBAN AREAS

FOURTH QUARTER 1989

Component Index Weights:	100%	17%	22%	11%	13%	7%	30%
City	All Items	Groceries	Housing	Utilities	Transportation	Health Care	Miscellaneous
U.S. Average	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Salt Lake City, Utah	**95.5**	**94.8**	**84.7**	**89.4**	**99.5**	**97.6**	**103.8**
Cedar City, Utah	89.1	99.2	70.7	85.8	96.7	87.6	95.3
Provo/Orem, Utah	88.7	88.3	73.1	90.4	97.6	85.1	96.6
St. George, Utah	92.5	96.4	80.9	66.0	102.5	99.1	102.8
Western States							
Phoenix, Arizona	101.3	99.2	97.9	94.3	101.7	117.4	103.3
San Diego, California	129.9	102.8	210.9	76.8	119.4	129.2	107.7
San Jose, California	129.9	104.7	219.8	85.4	109.1	134.3	102.7
Denver, Colorado	102.1	89.9	110.1	97.5	107.1	115.9	99.5
Pocatello, Idaho	94.8	100.2	83.8	84.3	95.3	106.9	100.7
Las Vegas, Nevada	104.4	94.5	123.0	85.9	105.3	116.7	99.9
Albuquerque, New Mexico	100.9	97.6	106.8	100.4	100.6	103.8	98.1
Salem, Oregon	98.8	95.8	95.3	91.0	100.6	117.9	100.8
Seattle, Washington	113.2	112.8	129.2	64.6	121.5	143.0	109.0
Casper, Wyoming	94.6	98.4	76.3	95.0	101.4	101.3	101.3
Other Areas							
Anchorage, Alaska	127.6	134.1	127.3	92.5	120.9	185.0	126.6
Atlanta, Georgia	106.2	100.8	112.7	116.1	101.8	120.7	99.3
Kansas City, Missouri/Kansas	94.8	88.3	91.9	94.7	96.4	95.2	99.8
Buffalo, New York	107.9	103.6	113.5	116.9	106.0	101.6	105.2
Houston, Texas	99.1	105.6	82.0	94.1	112.6	102.0	103.1
* Highest City	138.8 Warren, NJ	118.1 Warren, NJ	225.9 Ventura Co., CA	173.1 Philadelphia, PA	121.5 Seattle, WA	165.7 Bakersfield, CA	123.5 Warren, NJ
* Lowest City	86.2 Poplar Bluff, MO	87.2 Ames, IA	66.1 Gadsden, AL	36.3 Wenatchee, WA	80.0 Florence, SC	68.9 Lufkin, TX	88.0 Somerset, KY

* Does not include cities in Alaska or New York.

TABLE 1. UTAH'S CIVILIAN LABOR FORCE AND NONAGRICULTURAL PAYROLL JOBS
(Numbers in Thousands)

	Apr. 1990(f)	Apr. 1989	% Change	Mar. 1990(p)	Mar. 1989	% Change	Feb. 1990(r)	Feb. 1989	% Change
CIVILIAN LABOR FORCE	797.7	777.5	2.6	791.2	773.6	2.3	788.5	759.7	3.8
Employed Persons	757.9	733.7	3.3	749.8	727.4	3.1	752.5	720.8	4.4
Unemployed	39.8	43.8	—9.1	41.4	46.2	—10.4	36.0	38.9	—7.5
Percent of Labor Force	5.0	5.6	—	5.2	6.0	—	4.6	5.1	—
Seasonally Adjusted	4.5	5.1	—	4.6	5.3	—	4.0	4.5	—
U.S. Unemployment Rate (Seasonally Adjusted)	5.4	5.3	—	5.2	5.0	—	5.3	5.2	—
NONAGRICULTURAL PAYROLL JOBS	714.8	683.5	4.6	707.7	676.0	4.7	698.3	667.2	4.7
Mining	8.5	7.8	9.0	8.4	7.7	9.1	8.3	7.6	9.2
Metal Mining	3.1	2.8	10.7	3.1	2.8	10.7	3.0	2.8	7.1
Coal Mining	2.6	2.5	4.0	2.6	2.5	4.0	2.6	2.4	8.3
Oil/Gas Extraction & Quarrying	2.9	2.5	16.0	2.7	2.3	17.4	2.7	2.3	17.4
Construction	25.9	24.8	4.4	23.9	22.9	4.4	21.6	20.5	5.4
Manufacturing	103.2	101.3	1.9	103.6	101.2	2.4	103.1	100.8	2.3
Durable Goods	68.9	68.0	1.3	69.0	67.7	1.9	69.0	67.5	2.2
Primary Metals	5.4	5.5	—1.8	5.7	5.5	3.6	5.7	5.4	5.6
*Fab. Metal Prod., Machinery & Computers**	14.2	13.8	2.9	14.3	13.9	2.9	14.0	13.8	1.4
*Electronic/Elec. Equip. (except computers)**	11.5	11.9	—3.4	11.6	12.0	—3.3	11.7	12.3	—4.9
Transportation Equipment	16.7	16.8	—0.6	16.9	17.0	—0.6	17.1	17.0	0.6
Lumber & Furn., Stone/Clay/Glass Prod.†	10.2	9.9	3.0	9.7	9.4	3.2	9.8	9.2	6.5
*Other Durable Goods**	10.9	10.1	7.9	10.8	10.0	8.0	10.7	9.8	9.2
Nondurable Goods	34.3	33.2	3.3	34.6	33.5	3.3	34.1	33.3	2.4
Food & Related Products	11.4	11.0	3.6	11.5	11.1	3.6	11.5	11.0	4.5
*Other Nondurable Goods**	22.9	22.2	3.2	23.1	22.4	3.1	22.6	22.3	1.3
Transportation, Communications, & Public Util.	42.0	40.2	4.5	41.8	39.8	5.0	41.9	40.0	4.7
Railroad Transportation	2.5	2.6	—3.8	2.5	2.6	—3.8	2.5	2.6	—3.8
Trucking & Warehousing†	15.2	14.2	7.0	15.1	13.9	8.6	15.0	13.5	11.1
Transportation by Air†	6.6	6.0	10.0	6.6	6.0	10.0	6.7	6.4	4.7
Other Transportation & Related Services†	3.2	3.0	6.7	3.2	3.0	6.7	3.2	3.1	3.2
Communications†	6.8	7.0	—2.9	6.8	7.0	—2.9	6.9	7.0	—1.4
Electric, Gas, & Sanitary Services†	7.7	7.5	2.7	7.6	7.4	2.7	7.6	7.4	2.7
Trade	171.7	161.3	6.4	170.4	160.0	6.5	167.8	157.6	6.5
Wholesale Trade	39.8	37.8	5.3	39.8	37.8	5.3	39.5	37.3	5.9
Durable Goods†	24.1	23.2	3.9	24.1	23.2	3.9	24.0	22.9	4.8
Nondurable Goods†	15.7	14.6	7.5	15.7	14.6	7.5	15.5	14.3	8.4
Retail Trade	131.9	123.5	6.8	130.4	122.2	6.7	128.3	120.3	6.7
Food Stores	22.9	22.0	4.1	22.7	21.8	4.1	22.9	21.5	6.5
Auto Dealers/Parts Stores & Gasoline Sta.	15.8	14.9	6.0	15.8	14.9	6.0	15.5	14.6	6.2
Eating & Drinking Places	42.2	40.2	5.0	41.7	39.7	5.0	40.8	38.8	5.2
Home Furniture/Equip. & Clothing Stores†	11.3	10.2	10.8	11.4	10.3	10.7	11.3	10.2	10.8
Gen. Merchandise & Bldg./Garden Supply†	22.9	20.9	9.6	22.5	20.5	9.8	21.8	20.4	6.9
Miscellaneous Retail†	16.8	15.3	9.8	16.5	15.0	10.0	16.6	14.8	12.2
Finance, Insurance, & Real Estate	33.7	33.2	1.5	33.6	33.1	1.5	33.5	33.1	1.2
Depository Institutions†	13.3	13.2	0.8	13.2	13.1	0.8	13.2	13.2	0.0
Other Finance, Insurance, & Real Estate†	20.4	20.0	2.0	20.4	20.0	2.0	20.0	19.9	0.5
Services	177.5	165.7	7.1	175.4	163.9	7.0	172.3	161.1	7.0
Hotels & Other Lodging Places	12.1	11.2	8.0	12.6	11.7	7.7	12.1	11.1	9.0
Personal, Amusement, & Recreational Services	17.4	16.5	4.8	17.0	16.2	4.9	16.4	15.6	5.1
Computer-Related Services†	7.4	6.3	15.9	7.3	6.3	15.9	7.2	6.1	18.0
Other Business Services†	27.8	25.1	10.4	27.0	24.5	10.2	26.5	24.1	10.0
Auto Repair/Rental/Parking Services†	6.6	6.0	10.0	6.6	6.0	10.0	6.4	5.9	8.5
Health Services	44.7	42.4	5.4	44.3	42.0	5.5	44.1	41.9	5.3
Educ./Social Services & Membership Organiz.†	38.0	36.0	5.6	37.9	35.9	5.6	37.5	35.5	5.6
Legal & Miscellaneous Services	4.5	4.6	—2.2	4.5	4.6	—2.2	4.6	4.5	2.2
Engineering, Accounting, & Related Services†	13.4	12.5	7.2	13.3	12.4	7.3	12.9	12.2	5.7
Other Repair/Agric. Services & Museums, etc.†	5.6	5.1	9.8	4.9	4.5	8.9	4.6	4.1	12.2
Government	152.3	149.2	2.1	150.6	147.5	2.1	149.8	146.7	2.1
Federal Government	40.8	40.6	0.5	40.0	39.8	0.5	39.7	39.6	0.3
U.S. Defense	21.7	22.0	—1.4	21.6	21.9	—1.4	21.8	21.8	0.0
Other Federal Government	19.1	18.6	2.7	18.4	17.9	2.8	17.9	17.8	0.6
State Government	42.5	40.6	4.7	42.3	40.4	4.7	42.6	40.6	4.9
State Education	24.1	22.6	6.6	24.0	22.5	6.7	24.2	22.7	6.6
Other State Government	18.4	18.0	2.2	18.3	17.9	2.2	18.4	17.9	2.8
Local Government	69.0	67.9	1.6	68.3	67.2	1.6	67.5	66.5	1.5
Public School Districts	45.3	44.4	2.0	45.4	44.5	2.0	44.6	44.0	1.4
Other Local Government	23.7	23.5	0.9	22.9	22.7	0.9	22.9	22.5	1.8
Labor—Management Disputes	0.4	0.0	—	0.1	0.0	—	0.0	0.0	—

*Current data differ from previous series. † New series.
Note: Labor disputes are added into civilian labor force totals, but are excluded from nonagricultural payroll job totals.
f = forecast, p = preliminary, r = revised
Source: Utah Department of Employment Security, Labor Market Information Services. Prepared in conjunction with U.S. Department of Labor, Bureau of Labor Statistics.

TABLE 2. EMPLOYMENT STATUS OF UTAH'S POPULATION, AND NONAGRICULTURAL JOBS BY INDUSTRY
(Numbers in Thousands, Seasonally Adjusted)

	Apr. 1990 (f)	Apr. 1989	% Change	Mar. 1990 (p)	Feb. 1990 (r)	Jan. 1990	Dec. 1989	Nov. 1989	Oct. 1989	Sept. 1989
TOTAL POPULATION[1]	1,732.0	1,710.0	1.3	1,730.0	1,728.0	1,726.0	1,724.0	1,722.0	1,720.0	1,718.0
Civilian Noninstitutional Population 16 Years & Older[1]	1,120.6	1,106.4	1.3	1,119.3	1,118.0	1,116.7	1,115.4	1,114.1	1,112.8	1,111.5
CIVILIAN LABOR FORCE	804.2	783.3	2.7	800.1	801.4	809.4	800.7	797.7	797.7	796.9
Participation Rate	71.8	70.8	—	71.5	71.7	72.5	71.8	71.6	71.7	71.7
TOTAL EMPLOYED PERSONS[2]	768.3	743.6	3.3	762.9	769.3	776.0	766.1	762.8	761.9	761.0
Employment Ratio[3]	68.6	67.2	—	68.2	68.8	69.5	68.7	68.5	68.5	68.5
UNEMPLOYED PERSONS	35.9	39.7	—9.6	37.2	32.1	33.4	34.6	34.9	35.8	35.9
Unemployment Rate	4.5	5.1	—	4.6	4.0	4.1	4.3	4.4	4.5	4.5
NOT IN THE LABOR FORCE	316.4	323.1	—2.1	319.2	316.6	307.3	314.7	316.4	315.1	314.6
NONAGRICULTURAL JOB INDEX[4]	147.0	139.7	5.2	145.6	143.6	144.8	144.9	144.6	143.5	143.4
NONAGRICULTURAL JOBS[5]	716.2	684.5	4.6	711.8	707.0	704.2	704.6	703.2	697.8	697.1
Mining	8.7	8.0	9.0	8.3	8.2	8.2	8.1	8.1	8.4	8.4
Contract Construction	27.8	26.6	4.4	27.2	25.8	26.6	26.8	27.2	25.5	25.6
Manufacturing	103.9	101.9	2.0	104.5	104.6	103.8	104.2	104.2	102.7	103.5
Durable Goods	69.3	68.4	1.3	69.6	70.0	69.4	69.6	69.9	69.0	68.7
Nondurable Goods	34.7	33.5	3.3	35.0	34.6	34.4	34.5	34.3	33.8	34.7
Trans., Comm., & Pub. Util.	42.1	40.3	4.5	42.2	42.4	42.5	41.8	41.9	41.3	41.1
Trade	174.5	163.9	6.5	173.7	172.4	171.5	168.8	168.5	168.2	168.1
Wholesale	40.1	38.1	5.3	40.1	40.1	39.7	38.5	38.6	38.7	38.9
Retail	134.3	125.8	6.8	133.6	132.3	131.8	130.3	129.9	129.5	129.1
Finance, Ins., & Real Est.	33.7	33.2	1.5	33.6	33.7	33.7	34.0	33.2	33.7	33.6
Services	176.2	164.5	7.1	174.3	172.0	169.6	173.2	171.3	170.0	169.4
Government	149.3	146.1	2.1	148.0	148.0	148.3	147.7	148.9	148.0	147.6
Federal	40.4	40.2	0.5	40.0	40.1	40.4	40.0	40.8	40.4	40.0
State	41.5	39.6	4.7	40.9	41.1	41.2	40.1	40.6	40.5	40.5
Local	67.3	66.3	1.6	67.1	66.8	66.7	67.7	67.5	67.1	67.0

[1] Figures represent estimated trends; they are not seasonally adjusted.
[2] Includes individual nonagricultural proprietors, unpaid family workers, and employees of private households.
[3] Represents the employed portion of the population, 16 years and older, by place of residence.
[4] Base year 1977 = 100.
[5] Includes full- and part-time jobs, including multiple jobs held by the same person, by place of work.
f = forecast, p = preliminary, r = revised.
Source: Utah Department of Employment Security, Labor Market Information Services.

TABLE 3. DISTRIBUTION OF NONAGRICULTURAL EMPLOYMENT BY SEX, AND PRODUCTION WORKERS, BY INDUSTRY, IN UTAH
(Employment in Thousands)

	Male			Female			Production Workers	
	Mar. 1990(p)	% Change from Mar. '89	% Distribution	Mar. 1990(p)	% Change from Mar. '89	% Distribution	Mar. 1990(p)	% of Industry
TOTAL	388.8	3.2	100.0	318.7	6.5	100.0	NA	NA
Mining	7.6	5.6	2.0	0.8	60.0	0.3	6.3	75.0
Contract Construction	21.0	4.0	5.4	2.9	7.4	0.9	17.8	74.5
Manufacturing	71.1	1.0	18.3	32.5	5.5	10.2	68.6	66.2
Durable Goods	49.4	0.0	12.7	19.6	7.1	6.1	45.2	65.5
Nondurable Goods	21.7	3.3	5.6	12.9	3.2	4.0	23.4	67.6
Transportation, Commun., & Pub. Util.	28.8	4.7	7.4	13.0	5.7	4.1	32.0	76.6
Total Trade	91.2	3.3	23.5	79.0	10.2	24.8	150.5	88.4
Wholesale Trade	28.2	6.4	7.3	11.6	2.7	3.6	33.3	83.7
Retail Trade	63.0	1.9	16.2	67.4	11.6	21.1	117.2	89.9
Finance, Insurance, & Real Estate	13.7	0.0	3.5	19.9	2.6	6.2	26.0	77.4
Services	79.6	2.6	20.5	95.8	11.0	30.1	135.1	77.0
Total Government	75.8	5.4	19.5	74.8	—0.9	23.5	NA	NA
Federal Government	21.0	1.0	5.4	19.0	—0.0	6.0	NA	NA
State Government	22.0	18.3	5.7	20.3	—6.9	6.4	NA	NA
Local Government	32.8	0.9	8.4	35.5	2.3	11.1	NA	NA

p = preliminary.
Source: Utah Department of Employment Security, Labor Market Information Services.

TABLE 4. LABOR FORCE AND EMPLOYMENT IN UTAH'S METROPOLITAN STATISTICAL AREAS
(Numbers in Thousands)

	Salt Lake - Ogden[1]					Provo - Orem[2]				
	Apr. 1990(f)	Apr. 1989	% Chg.	Mar. 1990(p)	Feb. 1990(r)	Apr. 1990(f)	Apr. 1989	% Chg.	Mar. 1990(p)	Feb. 1990(r)
CIVILIAN LABOR FORCE	514.9	506.7	1.6	510.7	511.2	114.2	109.0	4.8	114.0	113.2
Employed Persons	491.2	479.6	2.4	485.7	489.9	109.9	103.7	6.0	109.2	108.5
Unemployed	23.7	27.1	—12.5	25.0	21.3	4.3	5.3	—18.9	4.8	4.7
Percent of Labor Force	4.6	5.3	—	4.9	4.2	3.8	4.9	—	4.2	4.2
Seasonally Adjusted	4.1	4.9	—	4.3	3.6	3.5	4.5	—	3.6	3.2
Total Nonagricultural Jobs	488.9	468.7	4.3	483.8	478.0	91.5	86.1	6.3	90.8	89.4
Mining	2.7	2.5	8.0	2.8	2.6	0.0	0.0	0.0	0.0	0.0
Contract Construction	18.2	17.3	5.2	16.9	15.3	2.8	2.7	3.7	2.3	2.2
Manufacturing	66.9	65.4	2.3	66.9	66.5	13.3	13.2	0.8	13.7	13.6
Durable Goods	46.1	45.3	1.8	46.4	46.2	8.5	8.5	0.0	8.6	8.6
Nondurable Goods	20.8	20.1	3.5	20.5	20.3	4.8	4.7	2.1	5.1	5.0
Transp., Commun., & Pub. Util.	32.1	30.7	4.6	32.0	32.1	2.8	2.8	0.0	2.8	2.8
Total Trade	122.6	116.1	5.6	121.5	120.3	20.8	18.7	11.2	20.5	20.2
Wholesale Trade	32.9	31.3	5.1	32.9	32.7	3.3	3.1	6.5	3.2	3.3
Retail Trade	89.7	84.8	5.8	88.6	87.6	17.5	15.6	12.2	17.3	16.9
Finance, Insurance, & Real Est.	27.5	27.1	1.5	27.4	27.3	2.3	2.3	0.0	2.3	2.3
Services	119.1	111.9	6.4	117.8	115.5	34.9	32.2	8.4	34.5	33.9
Total Government	99.8	97.7	2.1	98.5	98.4	14.6	14.2	2.8	14.7	14.4

[1] Includes Salt Lake, Davis, and Weber counties.
[2] Provo - Orem is Utah County.
Note: f = forecast, p = preliminary, r = revised. Detail may not add to totals because of independent rounding.
Forecast unemployment rates are advance estimates consistent with BLS approved procedures. Forecast rates should not be used for federal funding applications.
Source: Utah Department of Employment Security, Labor Market Information Services. Prepared in conjunction with the U.S. Department of Labor, Bureau of Labor Statistics.

TABLE 5. CIVILIAN LABOR FORCE AND COMPONENTS IN UTAH BY PLANNING DISTRICT AND COUNTY

Planning District and County	Seas. Adj. Unemployment Rate				Civilian Labor Force			Nonag. Wage and Salary Jobs		
	Apr. '90(f)	Mar.'90(p)	Feb. '90(r)	Apr. '89	Apr. '90(f)	Apr. '89	% Change	Apr. '90(f)	Apr. '89	% Change
State Total	4.5	4.6	4.0	5.1	797,700	777,500	2.6	714,800	683,480	4.6
Bear River	4.7	5.0	4.1	3.9	52,600	50,010	5.2	44,870	42,960	4.4
Box Elder	3.9	5.6	4.7	4.3	18,170	17,910	1.5	16,140	15,860	1.8
Cache	5.2	4.7	3.7	3.8	33,570	31,320	7.2	28,370	26,750	6.1
Rich	1.6	2.2	2.6	1.6	860	780	10.3	360	350	2.9
Wasatch Front	4.2	4.4	3.6	4.9	528,230	519,380	1.7	500,500	479,760	4.3
North	4.4	4.6	3.7	4.9	156,140	153,080	2.0	126,380	120,890	4.5
Davis	3.9	4.0	3.2	4.4	79,710	78,230	1.9	58,110	55,410	4.9
Morgan	6.7	8.2	6.3	8.9	1,720	1,660	3.6	940	910	3.3
Weber	5.0	5.2	4.2	5.3	74,710	73,190	2.1	67,330	64,570	4.3
South	4.0	4.2	3.6	4.9	372,090	366,300	1.6	374,120	358,870	4.2
Salt Lake	4.0	4.2	3.6	4.9	360,500	355,290	1.5	363,500	348,650	4.3
Tooele	5.6	5.9	4.7	4.7	11,590	11,010	5.3	10,620	10,220	3.9
Mountainlands	3.8	3.9	3.5	4.9	125,550	122,220	4.4	101,630	95,950	5.9
Summit	6.7	6.1	5.2	6.7	8,650	8,630	0.2	7,670	7,610	0.8
Utah	3.5	3.6	3.2	4.5	114,200	109,000	4.8	91,540	86,040	6.4
Wasatch	7.3	6.6	6.4	10.2	4,700	4,590	2.4	2,420	2,300	5.2
Central	7.7	7.3	5.4	8.2	22,280	21,020	6.0	14,630	14,070	4.0
Juab	7.8	5.6	3.2	8.5	2,130	2,040	4.4	1,690	1,620	4.3
Millard	5.0	4.3	3.4	5.8	5,380	4,980	8.0	3,280	3,140	4.5
Piute	19.1	15.9	11.8	5.4	490	360	36.1	190	180	5.6
Sanpete	12.1	11.4	7.6	13.6	6,400	6,090	5.1	3,620	3,480	4.0
Sevier	5.1	5.5	5.0	5.7	6,740	6,470	4.2	5,280	5,080	3.9
Wayne	6.5	7.7	7.6	4.4	1,140	1,080	5.6	570	570	0.0
Southwestern	5.4	5.0	4.4	5.4	34,480	32,970	4.6	25,540	24,270	5.2
Beaver	3.8	5.7	3.8	7.5	2,070	2,000	3.5	1,260	1,230	2.4
Garfield	10.1	10.5	7.9	8.8	1,640	1,570	4.5	1,540	1,480	4.1
Iron	5.1	4.8	4.3	5.7	9,340	8,820	5.9	7,400	6,980	6.0
Kane	8.3	5.9	6.0	7.6	2,630	2,530	4.0	1,550	1,490	4.0
Washington	4.8	4.5	3.9	4.4	18,800	18,050	4.2	13,790	13,090	5.3
Uintah Basin	7.0	5.8	5.7	8.3	13,270	12,990	2.2	10,540	10,060	4.8
Daggett	1.3	1.8	2.0	1.6	440	440	0.0	320	310	3.2
Duchesne	8.3	5.4	6.1	11.2	4,600	4,490	2.4	3,600	3,420	5.3
Uintah	6.6	6.3	5.7	7.3	8,230	8,060	2.1	6,620	6,330	4.6
Southeastern	7.8	7.4	7.6	8.5	19,300	18,920	2.0	17,110	16,420	4.2
Carbon	7.9	7.5	7.4	8.7	8,550	8,380	2.0	7,780	7,410	5.0
Emery	7.1	8.3	9.0	7.2	3,710	3,660	1.4	3,760	3,670	2.5
Grand	8.7	6.4	6.3	9.9	2,980	2,890	3.1	2,250	2,150	4.7
San Juan	7.4	7.0	7.7	8.0	4,060	3,990	1.8	3,320	3,190	4.1

Note: f = forecast, p = preliminary, r = revised.
Seasonally adjusted unemployment rates should not be used for federal or state funding applications.
Source: Utah Department of Employment Security, Labor Market Information Services.

TABLE 6. HOURS AND EARNINGS OF PRODUCTION WORKERS IN SALT LAKE-OGDEN LABOR AREA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar.(p) 1990	Feb.(r) 1990	Mar. 1989	Feb.(p) 1990	Jan.(r) 1990	Feb. 1989	Feb.(p) 1990	Jan.(r) 1990	Feb. 1989
MINING	$547.12	$541.78	$530.38	47.7	47.4	46.2	$11.47	$11.43	$11.48
MANUFACTURING	406.85	410.27	389.87	40.3	40.5	39.5	10.17	10.13	9.87
Durable Goods	406.82	404.61	392.40	40.2	40.1	40.0	10.12	10.09	9.81
Nondurable Goods	416.75	423.52	383.67	40.5	41.4	38.1	10.29	10.28	10.07
TRADE	213.44	214.34	217.79	27.9	27.8	29.0	7.65	7.71	7.51
Wholesale Trade	369.30	372.60	388.16	36.1	36.0	38.7	10.23	10.35	10.03
Retail Trade	159.89	160.64	159.85	25.1	25.1	24.7	6.37	6.40	6.22
AVERAGE	273.57	274.52	272.29	31.7	31.7	32.3	8.63	8.66	8.43

Note: Average hours includes hours actually worked or remunerated. Average hourly and weekly earnings include incentive and premium pay. Data may be affected by labor disputes. p = preliminary. r = revised.
Source: Utah Department of Employment Security, Labor Market Information Services. Prepared in conjunction with the U.S. Department of Labor, Bureau of Labor Statistics.

TABLE 7. HOURS AND EARNINGS OF PRODUCTION WORKERS IN UTAH

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar.(p) 1990	Feb.(r) 1990	Mar. 1989	Mar.(p) 1990	Feb.(r) 1990	Mar. 1989	Mar.(p) 1990	Feb.(r) 1990	Mar. 1989
MINING	$612.75	$600.93	$561.18	42.7	42.2	39.8	$14.35	$14.24	$14.10
Metal Mining	746.55	722.29	636.01	41.8	40.9	36.7	17.86	17.66	17.33
Bituminous Coal Mining	544.99	559.20	534.65	44.2	44.7	42.5	12.33	12.51	12.58
MANUFACTURING	408.75	413.48	397.79	39.8	40.3	39.7	10.27	10.26	10.02
Durable Goods	421.78	421.61	412.29	40.4	40.5	40.5	10.44	10.41	10.18
Primary Metal Industries	519.02	512.09	524.99	40.9	41.0	42.1	12.69	12.49	12.47
Fabricated Metal Prod. & Mach.	388.05	390.74	384.46	39.8	40.2	40.3	9.75	9.72	9.54
Transportation Equipment	559.78	564.71	514.00	41.9	42.3	40.6	13.36	13.35	12.66
Nondurable Goods	383.68	396.41	370.92	38.6	39.8	38.2	9.94	9.96	9.71
Food & Kindred Products	337.69	353.81	341.41	37.9	39.4	37.6	8.91	8.98	9.08
TRADE	208.04	208.97	209.75	28.0	27.9	29.5	7.43	7.49	7.11
Wholesale Trade	362.81	363.96	372.29	36.1	36.0	38.7	10.05	10.11	9.62
Retail Trade	164.86	163.97	162.68	25.8	25.5	26.8	6.39	6.43	6.07
Food Stores	136.88	142.00	143.14	24.4	25.0	25.2	5.61	5.68	5.68
Other Retail	181.50	176.17	163.04	25.0	24.1	25.2	6.46	6.48	6.47
AVERAGE	280.32	281.06	278.85	32.0	32.0	33.0	8.76	8.80	8.45

Note: Average hours includes hours actually worked or remunerated. Average hourly and weekly earnings include incentive and premium pay. Data may be affected by labor disputes. p = preliminary. r = revised.
Source: Utah Department of Employment Security, Labor Market Information Services. Prepared in conjunction with U.S. Department of Labor, Bureau of Labor Statistics.

TABLE 8. EMPLOYMENT SECURITY ACTIVITIES IN UTAH

	THIS YEAR			YEAR AGO		
	Forecast Apr. '90	Preliminary Mar. '90	Final Feb. '90	Final Apr. '89	Final Mar. '89	Final Feb. '89
Total Number of Nonfarm Jobs Available	21,787	19,498	17,810	20,018	18,167	15,074
Number of New Applications for Jobs	10,424	10,259	8,493	11,672	11,487	8,193
Total Nonfarm Job Placements	7,197	7,417	6,440	7,276	7,498	6,079
Initial Claims (Key Week)	1,028	1,016	1,043	1,108	927	1,217
Weeks Claimed (Key Week)	9,917	11,834	12,537	9,874	11,386	12,759
Monthly Insured Unemployment Rate (Key Week)	1.53	1.85	1.98	1.64	1.89	2.13
Amount of Unemployment Compensation Paid	$6,411,000	$6,608,714	$6,597,386	$5,164,368	$7,376,502	$7,474,588

Note: All claims data include Regular UI, UCFE, and UCX claims only.
Source: Utah Department of Employment Security, Labor Market Information Services.

TABLE 9. CURRENT PRICE INDEXES — UNITED STATES

Item	Index				% Change		
	Mar. '90	Feb. '90	Jan. '90	Mar. '89	From Last Month	Mar. '89 to Mar. '90	Feb. '89 to Feb. '90
CONSUMER PRICES: (1982 - 84 = 100)							
ALL ITEMS (CPI-U[1])	**128.7**	**128.0**	**127.4**	**122.3**	**0.5**	**5.2**	**5.3**
Food and Beverages	131.2	130.9	130.0	123.3	0.2	6.4	6.7
Food at Home	131.9	132.1	131.0	122.7	—0.2	7.5	8.3
Housing	126.8	126.1	125.9	121.5	0.6	4.4	4.1
Rent Residential	136.5	136.0	135.8	131.1	0.4	4.1	3.9
Fuel and Other Util.	109.9	110.2	110.8	105.9	—0.3	3.8	4.1
Medical Care	158.7	157.5	155.9	146.1	0.8	8.6	8.5
Apparel and Upkeep	125.4	120.4	116.7	119.3	4.2	5.1	4.4
Transportation	116.8	117.1	117.2	111.9	—0.3	4.4	4.9
Gasoline	89.1	90.2	90.6	81.3	—1.2	9.6	12.6
Energy[3]	94.9	96.0	97.6	89.8	—0.9	6.3	8.0
Purchasing Power of Consumer Dollar:							
1982 - 84 = $1.00	**$.777**	**$.785**	**$.785**	**$.818**	**—0.8**	**—5.0**	**—5.0**
ALL ITEMS (CPI-W[2])	**127.1**	**126.4**	**125.9**	**120.8**	**0.6**	**5.2**	**5.2**
PRODUCER PRICES: (1982 = 100)							
ALL COMMODITIES	114.2	114.4	114.9	111.5	—0.2	2.4	2.6
Finished Goods	117.0	117.4	117.5	112.1	—0.3	4.4	4.6
Intermediate Materials	112.4	112.5	113.4	111.5	—0.1	0.8	0.8
Crude Materials	105.6	106.9	106.7	103.2	—1.2	2.3	3.7

[1] Consumer Price Index — All Urban Consumers.
[2] Consumer Price Index — Urban Wage Earners and Clerical Workers.
[3] Energy is a special group index consisting of prices paid for the following: Fuel Oil, Coal, Bottled Gas, Electricity, Gasoline, and Motor Oil and Coolant. (It is not one of the components of the "All Items" as its subcomponents are already included.)
Source: U.S. Department of Labor, Bureau of Labor Statistics.

MALE AND FEMALE CIVILIAN LABOR FORCE PARTICIPATION RATES UTAH AND UNITED STATES -- 1950 TO 1989

	Participation Rates						Female Labor Force as Percent of Total	
	Male		Female		Total			
	Utah	U.S.	Utah	U.S.	Utah	U.S.		
1989	81.3	76.4	61.2	57.4	71.1	66.5	44.0	45.2
1988	79.3	76.2	59.4	56.6	69.2	65.9	43.7	45.0
1987	79.9	76.2	59.9	56.0	69.7	65.6	44.0	44.8
1986	81.3	76.3	58.9	55.3	70.0	65.3	42.5	44.5
1985	81.3	76.3	56.4	54.5	68.7	64.8	41.4	44.2
1980	81.6	77.4	51.6	51.5	65.9	63.8	41.0	42.5
1970	77.8	75.9	41.5	41.4	59.0	57.6	36.2	38.1
1960	79.5	76.8	32.4	34.5	55.5	54.7	29.8	32.8
1950	78.8	78.4	24.4	28.9	51.6	53.1	23.7	27.9

Note: 1970-1989 data are for persons age 16 and older; 1950-1960 data are for persons age 14 and older.

Sources: 1980-1989 - U.S. Bureau of Labor Statistics; 1950-1970 - U.S. Bureau of the Census.

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Utah LABOR MARKET REPORT

MAY 1990 published June 1990

- Utah's May unemployment rate held steady at 4.7 percent.
- Jobless rates in March, April, and May – all 4.7 percent – are up about half a percentage point from the first of 1990.
- Given the trend in 1989, the unemployment rate may drop somewhat in June.
- Higher March to May unemployment reflects higher numbers of people entering or re-entering the labor force – not large layoffs.
- Nonfarm jobs produced a strong 4.7 percent increase when compared with figures for May 1989.
- Robust service sector growth accounted for 40 percent of Utah's new jobs.

Is No News Good News?

What's the most popular economic number of 1990? It could only be 4.7 percent. Why? Unemployment registered at 4.7 percent in May – just like the March and April figures. May 1989 to May 1990 nonfarm job growth registered at 4.7 percent – just like the March and April figures. Is this redundancy good news?

Rosy and Robust Job Growth

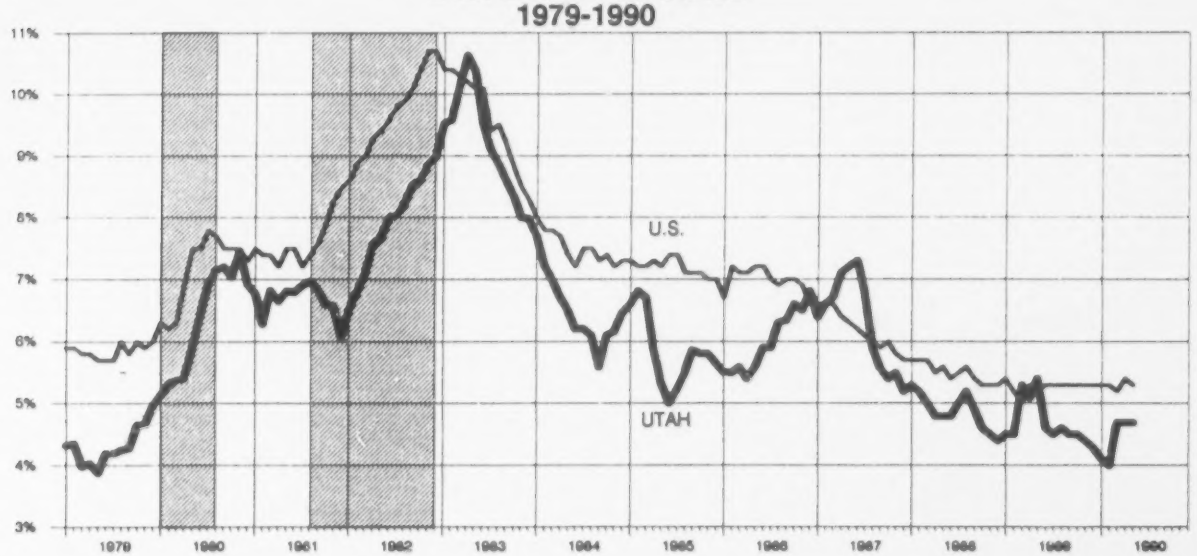
A nonagricultural employment growth rate of 4.7 percent certainly casts a rosy glow over Utah's economic picture. Nonfarm jobs totaled 722,500 in May – the highest number ever. Together, the service and trade industries

In this issue:

- Key Labor Market Information for Utah, by County.
- Per Capita Personal Income for Selected Western States, 1986-1989.

SEASONALLY ADJUSTED UNEMPLOYMENT RATES

Utah and United States 1979-1990



Shaded areas represent U.S. recessions.
Source: Utah Department of Employment Security.

generated nearly more than 70 percent of these 32,500 net new jobs. The mining industry continued to show strong expansion. On the moderate side, construction, manufacturing, and transportation/communications/utilities registered growth rates in the 3 to 5 percent range. Finance/insurance/real estate and government showed the smallest growth rates – both experienced expansion of less than 2 percent.

What About Unemployment?

Is 4.7 percent a "good" unemployment rate? Although unemployment held steady in May, rates for March, April, and May are still up about half a percentage point from the first two months of 1990. This follows a trend set in 1989. As yet, there's no cause for alarm, particularly when Utah's strong growth in nonfarm jobs is taken into account. In fact, given last year's March to May pattern and the State's healthy employment expansion, the jobless rate may drop somewhat in June. Moreover, the higher March to May unemployment rates occurred primarily because of an influx of people entering the work force for the first time – not because a large number of individuals lost their jobs.

During May 1990, 37,200 Utahns were out of work. Even though this number has increased since the first of the year, the May 1990 rate still registered significantly below the May 1989 rate of 5.4 percent. In addition, Utah's May rate remains more than half a point below the national rate of 5.3 percent. In other words, although unemployment may be higher than during the first of the year, the jobless rate registers in a reasonable range.

The Same Old Song

It sounds like a broken record. However, the service industry is still generating the highest number of new jobs. Service industry employment is up over 7 percent since May 1989 – an addition of 12,500 new jobs. Employment in computer services registered a whopping 16 percent increase. Hotels and lodging, "other business services," and auto repair also showed strong growth. Altogether, the service industry contributed 40 percent of the new Utah jobs created since May 1989.

The trade industry falls right behind services in employment growth. Trade employment has increased by 10,600 jobs over the past year. Expansion proved strong in both wholesale and retail sectors. Retail trade employment is up 7 percent; wholesale trade is up 6 percent. What retailers provided the impetus for trade growth? Employment in general merchandise stores expanded substantially as did auto dealers/gas station jobs.

In a More Moderate Vein –

Jobs in the transportation/communication/utilities sector grew nearly 5 percent over the May 1989 to May 1990 time period. Strong expansion in nonrailroad transportation industries produced the major portion of this increase. Employment in communications and railroad industries has dropped since last year. The strike in the bus industry has had little effect on this sector's employment.

Utah Bucks the National Trend

Manufacturing employment looks better this month. This sector has increased by 3,200 jobs since May 1989. The 3 percent growth rate in manufacturing bucks the national trend of declining manufacturing employment – a fact mentioned in previous reports.

The West in general, and Utah in particular, has made a better showing in manufacturing employment expansion during the past few years. Since 1983, U.S. manufacturing employment has grown 6.4 percent. In the West (Alaska, Arizona, California, Hawaii, Idaho, Nevada, Oregon, Utah, and Washington), manufacturing jobs in the same period are up 14.2 percent. In Utah, the industry has seen expansion of 20.6 percent. Federal Reserve Economists, Ronald H. Schmidt and Carolyn Sherwood-Call attribute the West's stronger showing to rapid labor force growth, favorable industry mix, and the better-than-average performance of several key sectors.[1]

Strong growth in nondurable goods production – notably food products – provided the primary impetus for growth over the past 12 months. However, durable goods employment held its own with a 2 percent expansion. Only the electric machinery production showed a net decline in employment.

Slower Growth

The government sector created about 2,400 new jobs in the May 1989 to May 1990 time period – an increase of slightly less than 2 percent. The public education sector of State government contributed 1,900 of these new positions. Federal employment is down slightly. Local government exhibited a slight gain in jobs – but only because of growth in school employment.

On the low end of the scale, the finance/insurance/real estate sector generated a mere 500 jobs, a 12-month increase of less than 2 percent. However, this industry's growth record has improved over the last few months.

What's Ahead?

Here the United States sits in the midst of the longest postwar recovery. Although the U.S. economy shows some signs of weakness, a downturn at this point seems unlikely. Utah's economy is performing even better than the nation's and should continue to do so.

Lecia Parks Langston, Supervising Economist

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1 Schmidt, Ronald H. and Carolyn Sherwood-Call, "Western Manufacturing," *FRBSF Weekly Letter*, May 18, 1990.

SUMMARY OF

KEY LABOR MARKET INFORMATION FOR UTAH

by Planning District and County

Prepared by

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May 1990

TOTAL POPULATION IN UTAH, BY DISTRICT AND COUNTY
SELECTED YEARS JULY 1, 1970 to JULY 1, 1989

	1989p	1988	1987	1986	1985	1984	1983	1982	1981	1980	1970
State Total	1,715,000	1,695,000	1,680,000	1,665,000	1,645,000	1,624,000	1,596,000	1,559,000	1,516,000	1,474,000	1,066,000
Bear River	111,950	110,450	108,950	107,150	105,400	103,550	102,100	99,100	96,050	86,500	72,300
Box Elder	38,400	38,000	37,800	37,300	36,600	35,800	35,300	34,700	34,000	33,500	30,800
Cache	71,700	70,600	69,200	67,800	66,700	65,600	64,500	62,000	59,800	57,700	42,550
Rich	1,850	1,850	1,950	2,050	2,100	2,150	2,300	2,400	2,250	2,150	1,600
Wasatch Front	1,091,650	1,080,500	1,070,750	1,063,600	1,047,750	1,032,550	1,015,550	995,300	971,850	949,150	713,450
North	351,850	347,700	341,650	337,500	330,450	326,350	321,250	314,200	306,050	297,950	230,350
Davis	187,000	184,000	179,000	175,000	170,000	166,000	162,000	158,000	153,000	148,000	99,600
Morgan	5,850	5,700	5,650	5,500	5,450	5,350	5,250	5,200	5,050	4,950	4,050
Weber	159,000	158,000	157,000	157,000	155,000	155,000	154,000	151,000	148,000	145,000	126,700
South	739,800	732,800	729,100	725,100	717,300	707,200	694,300	682,100	666,800	651,200	483,100
Salt Lake	712,000	705,000	701,000	697,000	689,000	679,000	667,000	655,000	640,000	625,000	461,500
Tooele	27,800	27,800	28,100	28,100	28,300	28,200	27,300	27,100	26,800	26,200	21,600
Mountainland	291,000	285,200	281,000	275,150	271,600	268,400	262,850	255,050	247,800	239,400	151,150
Summit	14,000	13,400	13,300	12,700	12,400	12,200	11,800	11,300	10,900	10,400	5,900
Utah	267,000	262,000	258,000	253,000	250,000	247,000	242,000	235,000	228,000	220,000	139,300
Wasatch	10,000	9,800	9,700	9,450	9,200	9,200	9,050	8,750	8,900	8,650	5,950
Central	55,250	54,850	54,800	55,350	57,200	56,400	53,600	51,050	49,200	47,600	35,400
Juab	5,800	5,700	5,700	5,800	6,250	6,150	5,900	5,700	5,600	5,550	4,600
Millard	13,000	12,900	13,000	13,600	14,200	13,500	11,400	10,400	9,600	9,050	7,050
Piute	1,550	1,550	1,550	1,550	1,550	1,500	1,450	1,350	1,400	1,350	1,150
Sanpete	16,800	16,700	16,600	16,500	16,900	17,000	16,900	16,100	15,400	14,800	11,000
Sevier	16,000	15,900	15,900	15,800	16,200	16,100	15,800	15,500	15,200	14,900	10,150
Wayne	2,100	2,100	2,050	2,100	2,100	2,150	2,150	2,000	2,000	1,950	1,450
Southwestern	78,400	75,950	74,600	72,400	68,900	65,500	62,900	60,250	57,950	56,050	35,650
Beaver	4,800	4,800	4,900	4,950	5,050	5,150	5,000	4,650	4,600	4,400	3,850
Garfield	4,100	4,050	4,050	4,050	4,050	3,950	3,950	3,750	3,700	3,700	3,150
Iron	19,500	19,200	19,500	19,500	19,400	19,300	18,900	18,300	17,900	17,500	12,300
Kane	4,900	4,900	4,850	4,800	4,700	4,500	4,350	4,150	4,050	4,050	2,450
Washington	45,100	43,000	41,300	39,100	35,700	32,600	30,700	29,400	27,700	26,400	13,900
Uintah Basin	34,450	35,300	36,200	38,000	39,400	40,050	40,450	38,850	35,850	34,150	20,850
Daggett	600	700	700	700	700	750	750	850	850	750	650
Duchesne	12,800	13,100	13,700	14,300	14,700	14,800	14,400	13,700	13,100	12,700	7,400
Uintah	21,000	21,500	21,800	23,000	24,000	24,500	25,300	24,300	21,900	20,700	12,800
Southeastern	52,300	52,750	53,700	54,350	54,750	56,550	58,550	58,400	56,300	54,650	37,200
Carbon	21,500	22,000	22,500	23,000	23,400	23,700	24,500	24,700	23,100	22,400	15,750
Emery	11,300	11,300	11,600	11,800	11,800	12,400	13,100	13,000	12,100	11,600	5,150
Grand	6,500	6,550	6,700	6,850	7,050	7,650	7,950	8,100	8,400	8,250	6,600
San Juan	13,000	12,900	12,900	12,700	12,500	12,800	13,000	12,600	12,700	12,400	9,700

p = preliminary
Note: 1981 through 1987 revised in 1988.
Source: 1970 - 1989, Utah Population Estimates Committee.

POPULATION PROJECTIONS BY COUNTY AND PLANNING DISTRICT SELECTED YEARS 1980 TO 2010

	1980	1985	1988	1990	1995	2000	2005	2010	ANNUAL PERCENT CHANGE
State Total 1/	1,474,000	1,645,000	1,695,000	1,743,100	1,842,100	1,935,600	2,106,800	2,346,900	1.6
Bear River	93,350	105,400	110,450	114,300	117,600	120,800	128,700	140,800	1.4
Box Elder	33,500	36,600	38,000	38,900	40,000	40,500	42,600	46,300	1.1
Cache	57,700	66,700	70,600	73,400	75,400	77,900	83,600	91,900	1.6
Rich	2,150	2,100	1,850	2,100	2,200	2,300	2,500	2,600	0.6
Wasatch Front N.	297,950	330,450	347,700	362,400	388,800	413,000	451,500	505,600	1.8
Davis	148,000	170,000	184,000	194,900	212,400	229,300	255,100	289,600	2.3
Morgan	4,950	5,450	5,700	5,800	6,100	6,500	7,500	8,600	1.9
Weber	145,000	155,000	158,000	161,700	170,300	177,200	188,900	207,400	1.2
Wasatch Front S.	651,200	717,300	732,800	747,100	791,000	831,500	909,500	1,018,600	1.5
Salt Lake	625,000	689,000	705,000	718,600	760,600	799,500	874,500	979,400	1.5
Tooele	26,200	28,300	27,800	28,500	30,400	32,000	35,000	39,200	1.4
Mountainland	239,050	271,600	285,200	294,000	310,900	326,300	353,700	392,100	0.0
Summit	10,400	12,400	13,400	14,000	15,200	16,300	18,200	20,800	2.3
Utah	220,000	250,000	262,000	269,700	284,900	298,800	323,600	358,100	1.6
Wasatch	8,650	9,200	9,800	10,300	10,800	11,200	11,900	13,200	1.4
Central	47,600	57,200	54,850	55,800	57,000	57,500	59,600	63,400	1.0
Juab	5,550	6,250	5,700	5,800	5,900	5,950	6,200	6,600	0.6
Millard	9,050	14,200	12,900	13,200	13,400	13,500	14,100	14,900	1.7
Piute	1,350	1,550	1,550	1,600	1,600	1,650	1,700	1,800	1.0
Sanpete	14,800	16,900	16,700	17,000	17,300	17,500	18,100	19,300	0.9
Sevier	14,900	16,200	15,900	16,200	16,500	16,700	17,200	18,400	0.7
Wayne	1,950	2,100	2,100	2,150	2,200	2,200	2,300	2,400	0.7
Southwestern	56,050	68,900	75,950	80,100	85,400	93,600	103,700	115,500	2.4
Beaver	4,400	5,050	4,800	5,000	5,450	5,550	5,900	6,350	1.2
Garfield	3,700	4,050	4,050	4,200	4,300	4,450	4,600	4,950	1.0
Iron	17,500	19,400	19,200	20,400	21,800	22,900	24,600	26,800	1.4
Kane	4,050	4,700	4,900	5,100	5,550	5,900	6,400	7,100	1.9
Washington	26,400	35,700	43,000	45,400	48,300	54,800	62,300	70,300	3.3
Uintah Basin	34,150	39,400	35,300	36,100	38,200	39,700	43,500	49,100	1.2
Daggett	750	700	700	700	700	700	700	700	-0.2
Duchesne	12,700	14,700	13,100	13,600	14,400	15,000	16,500	18,600	1.3
Uintah	20,700	24,000	21,500	21,800	23,100	24,100	26,300	29,800	1.2
Southeastern	54,650	54,750	52,750	53,100	53,400	53,200	56,600	61,700	0.4
Carbon	22,400	23,400	22,000	22,200	22,300	22,200	23,500	25,800	0.5
Emery	11,600	11,800	11,300	11,300	11,300	11,300	12,000	12,900	0.4
Grand	8,250	7,050	6,550	6,600	6,700	6,800	7,300	8,000	-0.1
San Juan	12,400	12,500	12,900	13,000	13,100	13,000	13,800	15,100	0.7

1/ May not add due to rounding

Source: State of Utah Economic and Demographic Projections: 1990, Utah Office of Planning and Budget.

UTAH CITIES WITH POPULATION OF 2,500 OR MORE
1988 ESTIMATES

CITY	COUNTY	RANK	POPULATION
Salt Lake City	Salt Lake	1	152,740
West Valley City	Salt Lake	2	93,030
Provo	Utah	3	73,250
Sandy City	Salt Lake	4	73,120
Ogden	Weber	5	66,320
Orem	Utah	6	64,420
West Jordan	Salt Lake	7	50,140
Layton	Davis	8	36,660
Bountiful	Davis	9	34,000
Murray	Salt Lake	10	29,670
Logan	Cache	11	28,180
Roy	Weber	12	24,830
St George	Washington	13	22,970
Clearfield	Davis	14	22,610
Brigham City	Box Elder	15	16,610
American Fork	Utah	16	15,390
Tooele	Tooele	17	15,380
Pleasant Grove	Utah	18	13,850
Springville	Utah	19	13,500
Kaysville	Davis	20	12,970
South Salt Lake	Salt Lake	21	12,800
South Jordan	Salt Lake	22	12,470
South Ogden	Weber	23	12,310
Cedar City	Iron	24	12,020
Centerville	Davis	25	11,440
Midvale	Salt Lake	26	11,320
North Ogden	Weber	27	11,310
Spanish Fork	Utah	28	11,150
Riverton	Salt Lake	29	10,410
Payson	Utah	30	9,780
Farmington	Davis	31	9,180
Price	Carbon	32	8,640
Clinton	Davis	33	8,420
Lehi	Utah	34	8,250
Washington Terrace	Weber	35	7,630
Vernal	Uintah	36	7,340
Riverdale	Weber	37	7,260
North Salt Lake	Davis	38	6,800
Smithfield	Cache	39	6,330
Draper	Salt Lake	40	6,080
Woods Cross	Davis	41	5,640
Richfield	Sevier	42	5,610
Sunset	Davis	43	5,260
Grantsville	Tooele	44	5,170
Hyrum	Cache	45	5,030
Syracuse	Davis	46	4,960
Tremonton	Box Elder	47	4,930
Heber	Wasatch	48	4,910
West Bountiful	Davis	49	4,900
Park City	Summit	50	4,860
Highland	Utah	51	4,850
Pleasant View	Weber	52	4,800
Washington	Washington	53	4,660
Fruit Heights	Davis	54	4,490
Roosevelt	Duchesne	55	4,280
Lindon	Utah	56	4,120
Moab	Grand	57	4,090
Hurricane	Washington	58	3,870
Alpine	Utah	59	3,650
Nephi	Juab	60	3,580
Providence	Cache	61	3,420
Mapleton	Utah	62	3,380
West Point	Davis	63	3,150
Ephraim	Sanpete	64	3,050
Blanding	San Juan	65	3,040
Plain City	Weber	66	2,960
Kanab	Kane	67	2,960
North Logan	Cache	68	2,920
Delta	Millard	69	2,900
Salem	Utah	70	2,770
Santaquin	Utah	71	2,700
Harrisville	Weber	72	2,670
Wellsville	Cache	73	2,630
Helper	Carbon	74	2,610
Fillmore	Millard	75	2,600

Source: U.S. Bureau of the Census and Utah State Office of Planning and Budget.

UTAH'S LARGEST EMPLOYERS

FIRM NAME	BUSINESS	APPROXIMATE EMPLOYMENT SEPTEMBER 1989
US Hill Air Force Base	Military Installation	14,000
Brigham Young University	Higher Education	13,500
University of Utah	Higher Education	11,500
Thiokol Corporation	Space Propulsion	7,000
Granite School District	Public Education	6,500
Smiths Food King	Food Stores	5,500
Jordan School District	Public Education	5,500
US Treasury Department	Internal Revenue	5,000
Hercules Inc.	Space Propulsion	4,500
Utah State University	Higher Education	4,500
Utah Social Services	Social Service Adm.	4,500
Davis School District	Public Education	4,500
Pacific Corp.	Electric Power	4,500
Salt Lake County	Local Government	4,000
Tooele Army Depot	Defense	4,000
Delta Airlines	Airlines	4,000
US Post Offices	Postal Service	4,000
ZCMI	Dept. Store	3,500
Albertson's	Food Stores	3,500
Alpine School District	Public Education	3,000
Unisys Corp.	Circuit Boards	3,000
US West Communications	Telephone Service	3,000
Salt Lake School District	Public Education	3,000
LDS Hospital	Hospital	3,000
Basic Mfg. and Tech.	Steel Works	2,500
Nice-Apex	Tel. Answering	2,500
Sears Roebuck & Co.	Dept. Store	2,500
Salt Lake City Corp.	Local Government	2,500
Weber School District	Public Education	2,000
Weber State College	Higher Education	2,000
US Forest Service	Forest Service	2,000
K Mart Corp.	Variety Store	2,000
US Defense Depot-Ogden	Defense	2,000
Healthtrust Inc.	Hospital	2,000
Utah Dept. of Transportation	Transportation Adm.	2,000
Utah Valley Reg. Med. Center	Hospital	2,000
Shopko Stores	Variety Stores	2,000
JC Penney Company	Department Stores	2,000
McKay-Dee Hospital	Hospital	2,000
Pro-Benefit Staffing	Help Supply	2,000
Skaggs Alpha Beta Co.	Food Stores	2,000
Fred Meyer Inc.	Variety Stores	1,500
7 Eleven Stores	Food Stores	1,500
American Express Co.	Travelers Checks	1,500
First Security Bank of Utah	Banking	1,500
Union Pacific Railroad	Railroad	1,500
Provo School District	Public Education	1,500
US Vet. Adm. Hospital	Hospital	1,500
Zions First Nat'l Bank	Banking	1,500
Nebo School District	Public Education	1,500
FHP of Utah	Health Care	1,500
Deseret Medical	Medical Instruments	1,500
Mountain Fuel Supply	Gas Transmission	1,500
Harmon City	Food Stores	1,500
Holy Cross Hospital	Hospital	1,500
Primary Children Med Ctr.	Hospital	1,500
O.C. Tanner Manufacturing	Jewelry Mfg.	1,500
Professional Restaurants Mgt.	Eating Place	1,500
Mervyn's	Dept. Store	1,500
Ogden School District	Public Education	1,500
Utah State Corrections	Corr. Institution	1,500
National Semiconductor	Semiconductors	1,500
Wordperfect Corp.	Computer Software	1,500

Source: Utah Department of Employment Security, Labor Market Information Services.